

Converting Colors

XYZ(46.0642, 34.4245, 35.3359)

Have a look what the booklet for
XYZ(46.0642, 34.4245, 35.3359)
contains.

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Color

**XYZ(45.9487, 34.4629,
35.2406)**

Conversions

Conversions Part 1

Format	Color
Hex	E5809B
RGB	229, 128, 155
RGB Percent	90%, 50%, 61%
CMY	0.1020, 0.4980, 0.3922
CMYK	0.00, 0.44, 0.32, 0.10
HSL	344°, 66%, 70%
HSV	344°, 44%, 90%
XYZ	45.9487, 34.4629, 35.2406
YIQ	161.2770, 51.5290, 29.8090

Conversions

Conversions Part 2

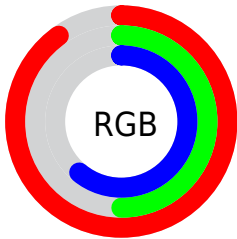
Format	Color
RYB	229, 128, 155
Decimal	15040667
CIELab	65.33, 41.86, 2.90
CIELCh	65, 41.965, 3.968
Yxy	34.4629, 0.3973, 0.2980
Android (android.graphics.Color)	4293230747 (0xFFE5809B)
YUV	161.2770, -3.0946, 59.3931
Hunter-Lab	58.7051, 36.9786, 5.5019

Details

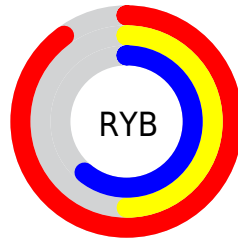
The XYZ color **45.9487, 34.4629, 35.2406** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **47.5837, 64.8930, 65.8983**, and the grayscale version is **34.0032, 35.7740, 38.9579**.

A 20% lighter version of the original color is **69.6821, 59.7304, 68.1781**, and **21.8777, 14.8263, 14.8054** is the 20% darker color. If you saturate the color by 10%, you get **41.9791, 28.6243, 27.4415**, and if you desaturate by 10%, it is **50.7900, 41.7312, 44.2970**.

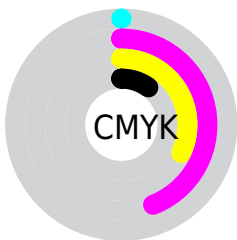
Distribution



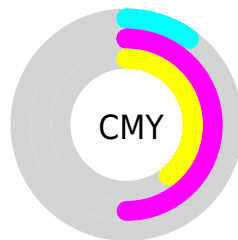
- Red (90%)
- Green (50%)
- Blue (61%)



- Red (90%)
- Yellow (50%)
- Blue (61%)



- Cyan (0%)
- Magenta (44%)
- Yellow (32%)
- Black (10%)




- Cyan (10%)
- Magenta (50%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.9487, 34.4629, 35.2406 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 45.9487, 34.4629, 35.2406 by changing the saturation by 10% instead.


 45.9487, 34.4629,
35.2406


 45.9487, 34.4629,
35.2406


361.3218,
322.1912, 340.5655


 32.4098, 23.2494,
23.5632


 83.3706, 66.6529,
69.0141

 21.8318, 14.7778,
14.8007


 107.9842, 88.3982,
91.9474

 13.8492, 8.6636,
8.5346


 137.0202,
114.4229, 119.4696

 8.0969, 4.5224,
4.3462

170.8438,
145.1114, 151.9995

 4.2093, 1.9699,
1.8172

209.8204,
180.8481, 189.9555

 1.8212, 0.5899,
0.4392

254.3153,

 0.5304, 0.0000,

222.0173, 233.7561

0.0000

304.6940,
269.0036, 283.8199

■ 0.0000, 0.0000,
0.0000

■ 45.9487, 34.4629,
35.2406

■ 45.9487, 34.4629,
35.2406

■ 41.9791, 28.6243,
27.4415

■ 50.7900, 41.7312,
44.2970

■ 38.8245, 24.1151,
20.8402

■ 56.5493, 50.5103,
54.6625

■ 36.4255, 20.8306,
15.3750

■ 63.2731, 60.8814,
66.3883

■ 34.7131, 18.6472,
10.9772

■ 71.0037, 72.9183,
79.5220

■ 33.6044, 17.4153,
7.5693

■ 79.7809, 86.6900,
94.1090

■ 33.1612, 16.9972,
5.9775

■ 86.1232, 95.3981,
108.4822

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



44.5040, 34.4629, 54.3368



45.9487, 34.4629, 35.2406



43.5128, 34.4629, 21.6725

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



45.9487, 34.4629, 35.2406



26.6130, 34.4629, 15.9446



27.8598, 34.4629, 76.6672

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



45.9487, 34.4629, 35.2406



47.5837, 64.8930, 65.8983

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



23.9363, 34.4629, 59.6713



45.9487, 34.4629, 35.2406



23.2819, 34.4629, 24.5957

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



45.9487, 34.4629, 35.2406



31.9486, 34.4629, 12.9505



22.3662, 34.4629, 39.9045



33.5768, 34.4629, 82.1668

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



45.9487, 34.4629, 35.2406



40.1744, 34.4629, 16.3411



22.3662, 34.4629, 39.9045



26.3120, 34.4629, 71.8952

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



45.9496, 34.4646, 35.2413



81.7044, 79.1761, 86.3635



45.7853, 33.4296, 78.1684



17.0507, 16.2690, 17.7326



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



45.9496, 34.4646, 35.2413



53.9370, 37.0563, 35.7508



47.0984, 39.9938, 25.6614



14.5344, 14.4309, 15.7486



19.0026, 9.7353, 3.6427



1.4420, 0.7345, 0.4683

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



45.9496, 34.4646, 35.2413



53.9370, 37.0563, 35.7508



45.3874, 54.9298, 82.3393



14.5344, 14.4309, 15.7486



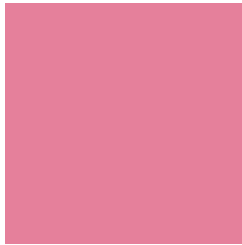
19.0026, 9.7353, 3.6427



1.4420, 0.7345, 0.4683

Previews

White Background



This preview shows how the XYZ color 45.9487, 34.4629, 35.2406 looks on a white background.

Color Contrast Check

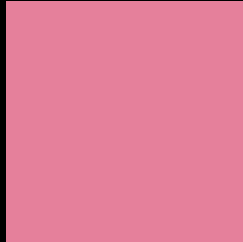
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 45.9487, 34.4629, 35.2406 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

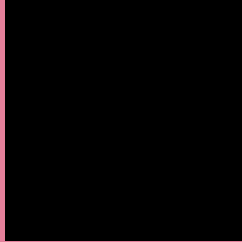
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 45.9487, 34.4629, 35.2406

Background



This preview shows how black text looks on a background with the XYZ color 45.9487, 34.4629, 35.2406.



This preview shows how white text looks on a background with the XYZ color 45.9487, 34.4629,

35.2406.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

45.9487, 34.4629, 35.2406

Protanopia

33.8702, 34.7400, 44.4555

Deuteranopia

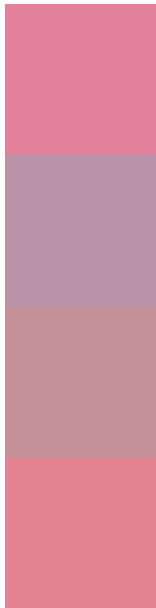
35.5016, 34.8105, 34.1261



Tritanopia

44.8448, 34.6200, 29.1297

Trichromacy



Original Color

45.9487, 34.4629, 35.2406

Protanomaly

37.0838, 33.8110, 40.6480

Deuteranomaly

38.8189, 34.3881, 34.2974

Tritanomaly

45.0884, 34.5036, 31.0715

Monochromacy



Original Color

45.9487, 34.4629, 35.2406

Achromatopsia

33.8758, 35.6400, 38.8120

Achromatomaly

37.2552, 34.4372, 37.4844

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.9487, 34.4629, 35.2406 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(229, 128, 155)` looks like.

```
.text, #text, p{  
    color:rgb(229, 128, 155)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(229, 128, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 128, 155) }
```

Border

The CSS property to change the border of an element to XYZ 45.9487, 34.4629, 35.2406 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(229, 128, 155) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(229, 128, 155) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(229, 128, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 128, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 128, 155);  
box-shadow:4px 4px 4px 4px rgb(229, 128,  
155) }
```

Background

The CSS property to change the background color of an element to XYZ 45.9487, 34.4629, 35.2406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 128, 155) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(229,  
128, 155) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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